Drilling large holes

Procedure:
Drilling in a big way

Larger holes are often required when installing switches or laying pipes. For this reason, special drill bit shapes and special material are necessary.

1. Accessories made of High Speed Steel (HSS) should be used for working on metal and hard plastics.
2. The Bosch tungsten-carbide multi-purpose drill bit is recommended for drilling in stone or tiles. It is also suitable for hard woods, wood-based materials and coated boards.
3. The harder the material, the higher the frictional forces between the material and the bit. Therefore, water has to be used to cool the holes being drilled in tiles or concrete. Large holes that are drilled in metal are lubricated and cooled with a special drill emulsion, lubricating paste or machine oil.
4. Safety is paramount: Due to the large circumference of the drill bits, much greater forces occur during work than in normal drilling applications. Modern drills have such high power that they cannot be held if they get jammed. This is why you should drill with an auxiliary handle.

Bosch does not accept any responsibility for the instructions stored here. Bosch would also like to point out that you follow these instructions at your own risk. For your own safety, please take all the necessary precautions.